

**SEARCH REQUEST FORM**

Scientific and Technical Information Center

Requester's Full Name: HUNG NGO Examiner #: 65417 Date: 4/7/00  
 Art Unit: 2874 Phone Number 308-0297 Serial Number: 09/105,572  
 Mail Box and Bldg/Room Location: CP4-5A09 Results Format Preferred (circle): PAPER DISK E-MAIL

**If more than one search is submitted, please prioritize searches in order of need.**

\*\*\*\*\*  
 Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: \_\_\_\_\_

Inventors (please provide full names): \_\_\_\_\_

Earliest Priority Filing Date: \_\_\_\_\_

*\*For Sequence Searches Only\* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.*

*Litigation Search for*

*PN 5,131,069.*

04-10-00A08:04 FILE

## STAFF USE ONLY

	Type of Search	Vendors and cost where applicable
Searcher: <u>Jeff Harrison</u>	NA Sequence (#) _____	STN _____
Searcher Phone #: <u>306-5429</u>	AA Sequence (#) _____	Dialog <u>X</u>
Searcher Location: <u>CP4-9C18</u>	Structure (#) _____	Questel/Orbit <u>X</u>
Date Searcher Picked Up: <u>4-10-00</u>	Bibliographic _____	Dr.Link _____
Date Completed: <u>4-10-00</u>	Litigation <u>X</u>	Lexis/Nexis <u>X</u>
Searcher Prep & Review Time: <u>15</u>	Fulltext _____	Sequence Systems _____
Clerical Prep Time: <u>15</u>	Patent Family _____	WWW/Internet _____
Online Time: <u>20</u>	Other _____	Other (specify) _____

4/10/00

2/39/1

DIALOG(R) File 345:Inpadoc/Fam.& Legal Stat  
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10607905

Basic Patent (No,Kind,Date): US 5131069 A 920714 <No. of Patents: 010>

Patent Family:

Patent No	Kind	Date	Applic No	Kind	Date
AU 9188338	A1	930225	AU 9188338	A	911202
AU 638179	B2	930617	AU 9188338	A	911202
CA 2057535	AA	930213	CA 2057535	A	911212
DE 69109672	C0	950614	DE 69109672	A	911219
DE 69109672	T2	960208	DE 69109672	A	911219
EP 527265	A1	930217	EP 91121758	A	911219
EP 527265	B1	950510	EP 91121758	A	911219
HK 9501788	A	951201	HK 1788	A	951123
JP 5048178	A2	930226	JP 91356676	A	911226
US 5131069	A	920714	US 743726	A	910812 (BASIC)

Priority Data (No,Kind,Date):

US 743726 A 910812

PATENT FAMILY:

AUSTRALIA (AU)

Patent (No,Kind,Date): AU 9188338 A1 930225

FIBER AMPLIFIER HAVING MODIFIED GAIN SPECTRUM (English)

Patent Assignee: CORNING INC

Author (Inventor): HALL DOUGLAS WARREN; NEWHOUSE MARK ANDREW

Priority (No,Kind,Date): US 743726 A 910812

Applic (No,Kind,Date): AU 9188338 A 911202

IPC: \* G02B-006/10; H01S-003/07; H01S-003/091

Derwent WPI Acc No: \* G 92-259263

Language of Document: English

Patent (No,Kind,Date): AU 638179 B2 930617

FIBER AMPLIFIER HAVING MODIFIED GAIN SPECTRUM (English)

Patent Assignee: CORNING INC

Author (Inventor): HALL DOUGLAS WARREN; NEWHOUSE MARK ANDREW

Priority (No,Kind,Date): US 743726 A 910812

Applic (No,Kind,Date): AU 9188338 A 911202

IPC: \* G02B-006/10; H01S-003/07; H01S-003/091

Derwent WPI Acc No: \* G 92-259263

Language of Document: English

CANADA (CA)

Patent (No,Kind,Date): CA 2057535 AA 930213

FIBER AMPLIFIER HAVING MODIFIED GAIN SPECTRUM (English; French)

Patent Assignee: CORNING INC (US)

Author (Inventor): HALL DOUGLAS W (US); NEWHOUSE MARK A (US)

Priority (No,Kind,Date): US 743726 A 910812

Applic (No,Kind,Date): CA 2057535 A 911212

IPC: \* H01S-003/13

Derwent WPI Acc No: \* G 92-259263

Language of Document: English

GERMANY (DE)

Patent (No,Kind,Date): DE 69109672 C0 950614

FASEROPTISCHER VERSTAERKER MIT MODIFIZIERTEM VERSTAERKUNGSSPEKTRUM.  
(German)

Patent Assignee: CORNING INC (US)

Author (Inventor): HALL DOUGLAS WARREN (US); NEWHOUSE MARK ANDREW  
(US)

Priority (No,Kind,Date): US 743726 A 910812  
Applic (No,Kind,Date): DE 69109672 A 911219  
IPC: \* H01S-003/06; H01S-003/091; H04B-010/16; G02B-006/16;  
G02F-001/00

Derwent WPI Acc No: \* G 92-259263  
Language of Document: German  
Patent (No,Kind,Date): DE 69109672 T2 960208  
FASEROPTISCHER VERSTAERKER MIT MODIFIZIERTEM VERSTAERKUNGSSPEKTRUM.  
(German)  
Patent Assignee: CORNING INC (US)  
Author (Inventor): HALL DOUGLAS WARREN (US); NEWHOUSE MARK ANDREW  
(US)  
Priority (No,Kind,Date): US 743726 A 910812  
Applic (No,Kind,Date): DE 69109672 A 911219  
IPC: \* H01S-003/06; H01S-003/091; H04B-010/16; G02B-006/16;  
G02F-001/00  
Derwent WPI Acc No: \* G 92-259263  
Language of Document: German

GERMANY (DE)

Legal Status (No,Type,Date,Code,Text):  
DE 69109672 P 950614 DE REF CORRESPONDS TO (ENTSPRICHT)  
EP 527265 P 950614  
DE 69109672 P 960208 DE 8373 TRANSLATION OF PATENT DOCUMENT  
OF EUROPEAN PATENT WAS RECEIVED AND HAS BEEN  
PUBLISHED (UEBERSETZUNG DER PATENTSCHRIFT  
DES EUROPAEISCHEN PATENTES IST EINGEGANGEN  
UND VEROEFFENTLICHT WORDEN)  
DE 69109672 P 960605 DE 8364 NO OPPOSITION DURING TERM OF  
OPPOSITION (EINSPRUCHSFRIST ABGELAUFEN OHNE  
DASS EINSPRUCH ERHOBEN WURDE)

EUROPEAN PATENT OFFICE (EP)

Patent (No,Kind,Date): EP 527265 A1 930217  
FIBER AMPLIFIER HAVING MODIFIED GAIN SPECTRUM (English; French; German)  
Patent Assignee: CORNING INC (US)  
Author (Inventor): HALL DOUGLAS WARREN CORNING IN (US); NEWHOUSE MARK  
ANDREW CORNING I (US)  
Priority (No,Kind,Date): US 743726 A 910812  
Applic (No,Kind,Date): EP 91121758 A 911219  
Designated States: (National) DE; ES; FR; GB; IT; NL  
IPC: \* H01S-003/06; H01S-003/091; H04B-010/16  
Derwent WPI Acc No: \* G 92-259263  
Language of Document: English  
Patent (No,Kind,Date): EP 527265 B1 950510  
FIBER AMPLIFIER HAVING MODIFIED GAIN SPECTRUM. (English; French;  
German)  
Patent Assignee: CORNING INC (US)  
Author (Inventor): HALL DOUGLAS WARREN CORNING IN (US); NEWHOUSE MARK  
ANDREW CORNING I (US)  
Priority (No,Kind,Date): US 743726 A 910812  
Applic (No,Kind,Date): EP 91121758 A 911219  
Designated States: (National) DE; ES; FR; GB; IT; NL  
IPC: \* H01S-003/06; H01S-003/091; H04B-010/16; G02B-006/16;  
G02F-001/00  
Derwent WPI Acc No: \* G 92-259263  
Language of Document: English

EUROPEAN PATENT OFFICE (EP)

Legal Status (No,Type,Date,Code,Text):  
EP 527265 P 910812 EP AA PRIORITY (PATENT APPLICATION)  
(PRIORITAET (PATENTANMELDUNG))  
US 743726 A 910812  
EP 527265 P 911219 EP AE EP-APPLICATION (EUROPAEISCHE  
ANMELDUNG)

EP 527265	P	2	EP 91121758 A 911219 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT (IN EINER ANMELDUNG BENANNT VERTRAGSSTAATEN) DE ES FR GB IT NL
EP 527265	P	930217	EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 527265	P	930922	EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 930723
EP 527265	P	940202	EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 931220
EP 527265	P	950510	EP AK DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION (IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNT VERTRAGSSTAATEN) DE ES FR GB IT NL
EP 527265	P	950510	EP B1 PATENT SPECIFICATION (PATENTSCHRIFT)
EP 527265	P	950614	EP REF CORRESPONDS TO: (ENTSPRICHT) DE 69109672 P 950614
EP 527265	P	950803	EP ITF IT: TRANSLATION FOR AN EP PATENT FILED (IT: DEPOSITO TRADUZIONE DI BREVETTO EUROPEO) ING. A. GIAMBROCONO & C. S.R.L.
EP 527265	P	950811	EP ET FR: TRANSLATION FILED (FR: TRADUCTION A ETE REMISE)

#### HONG KONG (HK)

Patent (No,Kind,Date): HK 9501788 A 951201  
FIBER AMPLIFIER HAVING MODIFIED GAIN SPECTRUM (English)  
Patent Assignee: CORNING INC (US)  
Author (Inventor): HALL DOUGLAS WARREN (US); NEWHOUSE MARK ANDREW  
(US)  
Priority (No,Kind,Date): US 743726 A 910812  
Applic (No,Kind,Date): HK 1788 A 951123  
IPC: \* H01S-003/06; H01S-003/091; H04B-010/16; G02B-006/16;  
G02F-001/00  
Derwent WPI Acc No: \* G 92-259263  
Language of Document: English

#### JAPAN (JP)

Patent (No,Kind,Date): JP 5048178 A2 930226  
FIBER AMPLIFIER (English)  
Patent Assignee: CORNING INC  
Author (Inventor): DAGURASU WARREN HOORU; MAAKU ANDORIYUU NIYUUHAUSU  
Priority (No,Kind,Date): US 743726 A 910812  
Applic (No,Kind,Date): JP 91356676 A 911226  
IPC: \* H01S-003/07; G02B-006/00; H01S-003/094; H01S-003/10;  
H01S-003/17  
Language of Document: Japanese

#### UNITED STATES OF AMERICA (US)

Patent (No,Kind,Date): US 5131069 A 920714  
FIBER AMPLIFIER HAVING MODIFIED GAIN SPECTRUM (English)  
Patent Assignee: CORNING INC (US)  
Author (Inventor): HALL DOUGLAS W (US); NEWHOUSE MARK A (US)  
Priority (No,Kind,Date): US 743726 A 910812  
Applic (No,Kind,Date): US 743726 A 910812  
National Class: \* 385142000; 385123000; 385141000; 372006000;  
372009000  
IPC: \* G02B-006/00  
Derwent WPI Acc No: ; G 92-259263  
Language of Document: English

UNITED STATES OF AMERI (

Legal Status (No,Type,Date,Code,Text):

US 5131069	P	910812	US AE	APPLICATION DATA (PATENT)
			(APPL. DATA (PATENT))	
			US 743726 A	910812
US 5131069	P	910812	US AS02	ASSIGNMENT OF ASSIGNOR'S
			INTEREST	
			CORNING INCORPORATED, A CORPORATION OF NY	
			CORNING, NEW YORK ; HALL, DOUGLAS W. :	
			19910808; NEWHOUSE, MARK A. : 19910809	
US 5131069	P	920714	US A	PATENT
US 5131069	P	990622	US RF	REISSUE APPLICATION FILED
			(REISSUE APPL. FILED)	
			19980626	

09/105,572

4/10/00 Lexis-Nexis

US 5,131,069

## LIBRARIES -- PAGE 1 of 3

Please TRANSMIT the NAME (only one) of the library you want to search.

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NAME	PG	NAME	PG	NAME	PG	NAME	PG	NAME	PG	NAME	PG	NAME	PG	NAME	PG
<-----General Legal-----<Publisher<--Public Records---<Financial<--News-->															
MEGA	1	2NDARY	2	LITGAT	2	DRI	2	ALLREC	4	LEXDOC	5	COMPNY	7	NEWS	21
GENFED	1	ALR	2	LAWREV	3	PLI	2	ASSETS	4	LICNSE	5	INVEST	7	REGNWS	21
STATES	1	ABA	2	MARHUB	3			DOCKET	4	LIENS	5	NAARS	7	TOPNWS	21
CODES	1	CAREER	2	LEXREF	3			FINDER	4	NON-US	5			LEGNEW	21
CITES	1	CLE	3	HOTTOP	3			INCORP	4	P-PROP	5			CMPGN	21
LEGIS	1			FORMS	3			INSOLV	5	VERDCT	5			WORLD	21
<-----Area of Law-----<Medical>															
ADVSOR	6	CONLAW	8	ENVIRN	9	HEALTH	11	LABOR	11	PUBCON	12	TAXRIA	13	GENMED	15
ACCTG	8	CORP	9	ESTATE	9	HR	10	LEXPAT	12	PUBHW	13	TELCOM	10	EMBASE	15
ADMIN	8	COPYRT	8	ETHICS	10	IMMIG	11	M&A	12	REALTY	13	TORTS	14	MEDLNE	15
ADMRTY	8	CRIME	9	FAMILY	10	INSURE	11	MILTRY	12	STSEC	13	TRADE	14	<-Helps->	
ADR	8	CYBRLW	9	FEDSEC	10	INTLAW	11	PATENT	12	STTAX	13	TRANS	14	EASY	6

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FILES - PAGE 1 of 7 (NEXT PAGE for additional files)

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<---CASES & ADMINISTRATIVE DECISIONS-->

IPOMNI 1 Int Prop Cases & Reg Matl  
PTOMNI 1 FEDCTS, PTO, ITC, ALLREG  
CASES 1 FEDCTS, PTO & ITC  
FEDCTS 2 Patent cases from Fed. Cts.  
CCPA 2 Ct Customs & Patent Appeals  
CAFC 2 Patent cases from Fed. Cir.  
PTO 2 PATAPP & COMMR

<-----SECONDARY SOURCES----->

IPLTR 5 Intell Prop Law Nwltrs  
IPLR 5 Intell Prop Law Rev Articles

<-----PATENTS GROUP FILES----->

ALL 4 UTIL, DESIGN, PLANT, SIR,  
REEXAM & REISS

ALLPAT 4 Comb. ALL & INTPAT

<-----U.S. PATENTS----->

UTIL 4 Full Text Patents from 1971\*  
DESIGN 4 Full Text Patents from 1976  
PLANT 4 Full Text Patents from 1976

PATNO IS 5,131,069

Your search request has found 1 PATENT through Level 1.  
To DISPLAY this PATENT press either the KWIC, FULL, CITE or SEGMENTS key.  
To MODIFY your search request, press the M key (for MODIFY) and then the TRANSMIT key.

For further explanation, press the H key (for HELP) and then the TRANSMIT key.  
>>>

LEVEL 1 - 1 OF 1 PATENT

<5,131,069>

<<=2>> GET 1st DRAWING SHEET OF 4

Jul. 14, 1992

Fiber amplifier having modified gain spectrum

REISSUE: Reissue Application filed Jun. 26, 1998 (O.G. Jun. 22, 1999) Ex. Gp.:  
2874; Re. S.N. 09/105,572

INVENTOR: Hall, Douglas W., Corning, New York  
Newhouse, Mark A., Corning, New York

ASSIGNEE-AT-ISSUE: Corning Incorporated, Corning, New York (02)

APPL-N0: 743,726

FILED: Aug. 12, 1991  
>>>



Please TRANSMIT the NAME of the file you want to search. To see a description of a file, type its page number and press the TRANSMIT key.

FILES - PAGE 1 of 7 (NEXT PAGE for additional files)

NAME PG DESCRIP

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<---CASES & ADMINISTRATIVE DECISIONS-->

IPOMNI 1 Int Prop Cases & Reg Matl  
PTOMNI 1 FEDCTS, PTO, ITC, ALLREG  
CASES 1 FEDCTS, PTO & ITC  
FEDCTS 2 Patent cases from Fed. Cts.  
CCPA 2 Ct Customs & Patent Appeals  
CAFC 2 Patent cases from Fed. Cir.  
PTO 2 PATAPP & COMMR

<-----PATENTS GROUP FILES----->

ALL 4 UTIL,DESIGN,PLANT,SIR,  
REEXAM & REISS  
ALLPAT 4 Comb. ALL & INTPAT

<-----U.S. PATENTS----->

UTIL 4 Full Text Patents from 1971\*  
DESIGN 4 Full Text Patents from 1976  
PLANT 4 Full Text Patents from 1976

<-----SECONDARY SOURCES----->

IPLTR 5 Intell Prop Law Nwltrs  
IPLR 5 Intell Prop Law Rev Articles

5131069 OR 5,131,069

Your search request has found no CASES.

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FILES - PAGE 2 of 7 (NEXT PAGE or PREV PAGE for additional files)

NAME	PG	DESCRIP	NAME	PG	DESCRIP
<-----PRIOR ART RESEARCH FILES----->			<-----PATENT LAW PERIODICALS----->		
PUBS	7	Group file of these Journals:	AIPLA	6	AIPLA Quarterly Journal
COMM	8	Communications Journals	PTCLAW	6	Sec. of Intel. Prop. Law
CMPTRS	9	Computers Journals	HRVTEC	6	Harvard University Journal of Law & Technology
ELTRNC	10	Electronics Journals	LAWTEC	6	Journal of Law & Technology
TECHNY	11	Technology Journals	JNLS	6	Combined AIPLA, PTCLAW HRVTEC & LAWTEC
TRANS	12	Transportation Journals	MHINTP	6	Martindale IP Listings
ENERGY	13	Energy Journals	IPMAG	6	Intellect Prop
<-----INTERNATIONAL MATERIALS----->			IPDAY	6	Intellectual Property Today
CUSINF	5	Customs Administ. Rulings	IPWW	7	IP Worldwide
ITC	5	International Trade Comm Rulings Series 337 & 731	PATENT	6	Mar-Hub Pat. & TM Listings
TREATY	5	Intell Property treaties			
CPR	5	Can. Patent Rprt.			

5131069 OR 5,131,069

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- To see a list of additional libraries, press the NEXT PAGE key.

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CODES	1	CAREER	2	LEXREF	3			FINDER	4	NON-US	5		
CITES	1	CLE	3	HOTTOP	3			INCPORP	4	P-PROP	5		
LEGIS	1			FORMS	3			INSOLV	5	VERDCT	5		

<-----Area of Law----- Medical>													
ADVSOR	6	CONLAW	8	ENVIRN	9	HEALTH	11	LABOR	11	PUBCON	12	TAXRIA	13
ACCTG	8	CORP	9	ESTATE	9	HR	10	LEXPAT	12	PUBHW	13	TELCOM	10
ADMIN	8	COPYRT	8	ETHICS	10	IMMIG	11	M&A	12	REALTY	13	TORTS	14
ADMRTY	8	CRIME	9	FAMILY	10	INSURE	11	MILTRY	12	STSEC	13	TRADE	14
ADR	8	CYBRLW	9	FEDSEC	10	INTLAW	11	PATENT	12	STTAX	13	TRANS	14

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Please TRANSMIT, separated by commas, the NAMES of the files you want to search. You may select as many files as you want, including files that do not appear below, but you must transmit them all at one time. To see a description of a file, TRANSMIT its page (PG) number.

FILES - PAGE 1 of 92 (NEXT PAGE for additional files)

NAME	PG	DESCRIP	NAME	PG	DESCRIP	NAME	PG	DESCRIP
-----< T H E < N E W S   L I B R A R Y >-----								
--<Full-Text Group Files>--			---<Full-Text By Type>---			-<Full Text By Region>-		
TODAY	2	Today's News	MAGS	4	Magazines	--<Papers & Wires>--		
90DAYS	2	Last 90 days	MAJPAP	4	Major Papers	NON-US	2	English Non-US
CURNWS	2	Last 2 years	NWLTRS	4	Newsletters	US	2	US News
ARCNWS	2	Beyond 2 years	PAPERS	4	Newspapers	--<US Sources>--		
ALLNWS	2	All News Files	SCRIPT	4	Transcripts	MWEST	4	Midwest
			WEBPUB	4	Web Pubs	NEAST	4	Northeast
--<Group File Exclusions>--			WIRES	4	Wires	SEAST	4	Southeast
ALLABS	5	All Abstracts	-----<Hot Files>-----			WEST	4	West
NONENG	2	Non-English News	HOTTOP	3	Hot Topics *	-----<Assists>-----		
<To scroll down for additional information, enter .DWN >								

5131069 OR 5,131,069

Your search request has found no STORIES.

To edit the above request, use the arrow keys. Be sure to move the cursor to the end of the request before you transmit it.

To enter a new search request, type it and press the TRANSMIT key.

What you transmit will be Search Level 1.

For further explanation, press the H key (for HELP) and then the TRANSMIT key.

Selected file: PAST

?/pn 5131069

\*\* SS 2: Results 1

Search statement 3

?prt fu

1/1 PAST - (C) PAST  
AN - 199925-001352  
PN - 5131069 A [US5131069]  
DT - A (UTILITY)  
OG - 1999-06-22  
CO - REA  
ACT - REISSUE APPLICATION FILED  
SH - REISSUE APPLICATION FILED

Search statement 3



Selected file: CRXX

1/1 CRXX - (C) CLAIMS/RRX

AN - 2272175

PN - 5,131,069 A 19920714 [US5131069]

PT - E (Electrical)

PA - Corning Inc

ACT - 19980626 REISSUE REQUESTED

Issue Date of O.G.: 19990622

Reissue Request Number: 09/105572

Examination Group responsible for Reissue process: 2874

UP - 1999-00

Selected file: LITA

?nbr /pn 5131069

1	1	5129281
2	1	5129654
3	6	5130125
4	1	5130538
5	1	5131024
6	2	5131102
7	2	5131695
8	2	5131780
9	1	5131784
10	2	5132094
11	2	5132295
12	1	5132571
13	3	5132714
14	1	5132812
15	1	5133065

*not in file*

Some: numbers / Continue: Y / None: N

1/1 LGST - (C) LEGSTAT

PN - US 5131069 [US5131069]

AP - US 743726/91 19910812 [1991US-0743726]

DT - US-P

ACT - 19910812 US/AE-A

APPLICATION DATA (PATENT)

{US 743726/91 19910812 [1991US-0743726]}

- 19910812 US/AS02

ASSIGNMENT OF ASSIGNOR'S INTEREST

CORNING INCORPORATED, A CORPORATION OF NY CORNING, NEW YORK \* HALL,  
DOUGLAS W. : 19910808; NEWHOUSE, MARK A. : 19910809

- 19920714 US/A

PATENT

- 19990622 US/RF

REISSUE APPLICATION FILED

19980626

UP - 1999-25